

10/734, 850

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: ssspta1204bxsd

PASSWORD :

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * . Welcome to STN International * * * * * * * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 4 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 5 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 6 SEP 27 STANDARDS will no longer be available on STN
NEWS 7 SEP 27 SWETSCAN will no longer be available on STN
NEWS 8 OCT 28 KOREAPAT now available on STN
NEWS 9 NOV 18 Current-awareness alerts, saved answer sets, and current
search transcripts to be affected by CERAB, COMPUAB, ELCOM,
and SOLIDSTATE reloads
NEWS 10 NOV 30 PHAR reloaded with additional data
NEWS 11 DEC 01 LISA now available on STN

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 17:16:22 ON 02 DEC 2004

=> fil reg
COST IN U.S. DOLLARS

FULL ESTIMATED COST

| | |
|---------------------|------------------|
| SINCE FILE
ENTRY | TOTAL
SESSION |
| 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 17:16:30 ON 02 DEC 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 1 DEC 2004 HIGHEST RN 791553-15-6
DICTIONARY FILE UPDATES: 1 DEC 2004 HIGHEST RN 791553-15-6

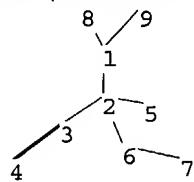
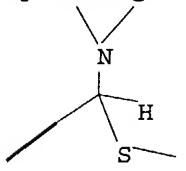
TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10734850.str

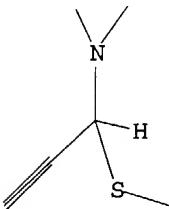


chain nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
1-2 1-8 1-9 2-3 2-5 2-6 3-4 6-7
exact/norm bonds :
1-2 1-8 1-9 2-6 6-7
exact bonds :
2-3 2-5 3-4

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS

L1 STRUCTURE uploaded

=> d query
L1 STR



Structure attributes must be viewed using STN Express query preparation.

```
=> s 11
SAMPLE SEARCH INITIATED 17:16:47 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      3 TO ITERATE
```

```
100.0% PROCESSED      3 ITERATIONS          1 ANSWERS
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                           BATCH **COMPLETE**
PROJECTED ITERATIONS:      3 TO      163
PROJECTED ANSWERS:         1 TO      80
```

```
L2          1 SEA SSS SAM L1
```

```
=> s 11 full
FULL SEARCH INITIATED 17:16:54 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      35 TO ITERATE
```

```
100.0% PROCESSED      35 ITERATIONS          5 ANSWERS
SEARCH TIME: 00.00.01
```

```
L3          5 SEA SSS FUL L1
```

```
=> fil caplus
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY           SESSION
FULL ESTIMATED COST          155.42          155.63
```

```
FILE 'CAPLUS' ENTERED AT 17:16:57 ON 02 DEC 2004
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COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
```

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FILE COVERS 1907 - 2 Dec 2004 VOL 141 ISS 23
FILE LAST UPDATED: 1 Dec 2004 (20041201/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s 13
L4          2 L3
```

```
=> d 14 1-2 abs ibib hitstr
```

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
 AB An alkyne S,N-acetal derivative of the present invention is represented by the following structural formula I, wherein R1 represents a hydrogen atom, an alkyl group, an aryl group, an alkenyl group, a silyl group, or an alkyne group; each of R2 and R3 represents an alkyl group or an allyl group; and R4 represents an alkyl group. The alkyne S,N-acetal derivative, a novel compound, is useful as a raw material of propargylamine.

ACCESSION NUMBER: 2004:701851 CAPLUS
 DOCUMENT NUMBER: 141:206822

TITLE: Alkyne S,N-acetal derivative and method of producing the same

INVENTOR(S): Murai, Toshiaki; Mutoh, Yuichiro

PATENT ASSIGNEE(S): Gifu University, USA

SOURCE: U.S. Pat. Appl. Publ., 6 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| US 2004167346 | A1 | 20040826 | US 2003-734850 | 20031211 |
| JP 2004256400 | A2 | 20040916 | JP 2003-46332 | 20030224 |
| PRIORITY APPLN. INFO.: | | | JP 2003-46332 | A 20030224 |

OTHER SOURCE(S): MARPAT 141:206822

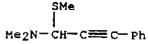
IT 705262-05-1P 744245-90-7P 744245-94-1P

744245-97-4P 744246-01-3P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (alkyne S,N-acetal derivative and method of producing the same)

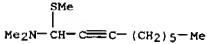
RN 705262-05-1 CAPLUS

CN 2-Propyn-1-amine, N,N-dimethyl-1-(methylthio)-3-phenyl- (9CI) (CA INDEX NAME)



RN 744245-90-7 CAPLUS

CN 2-Nonyn-1-amine, N,N-dimethyl-1-(methylthio)- (9CI) (CA INDEX NAME)



RN 744245-94-1 CAPLUS

CN 4-Penten-2-yn-1-amine, N,N,4-trimethyl-1-(methylthio)- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
 AB Sequential reactions of thiolium salts generated from thioamides and Me

triflate with organolithium and -magnesium reagents proceed smoothly to give tertiary propargylamines in moderate to high yields. In all cases, two different organometallic reagents are incorporated into the starting thioamides.

ACCESSION NUMBER: 2004:344138 CAPLUS

DOCUMENT NUMBER: 141:53987

TITLE: Synthesis of Tertiary Propargylamines by Sequential Reactions of in Situ Generated Thiolium Salts with Organolithium and -magnesium Reagents

AUTHOR(S): Murai, Toshiaki; Mutoh, Yuichiro; Ohta, Yukiyasu;

Murakami, Masahiro

CORPORATE SOURCE: Department of Chemistry, Faculty of Engineering, Gifu University, Gifu, 501-1193, Japan

SOURCE: Journal of the American Chemical Society (2004),

126(19), 5968-5969

CODEN: JACSAT; ISSN: 0002-7863

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 141:53987

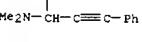
IT 705262-05-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(synthesis of tertiary propargylamines by sequential reactions of thioamides with organolithium and -magnesium reagents)

RN 705262-05-1 CAPLUS

CN 2-Propyn-1-amine, N,N-dimethyl-1-(methylthio)-3-phenyl- (9CI) (CA INDEX NAME)

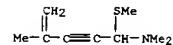


REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR

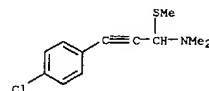
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

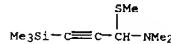
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN (continued)



RN 744245-97-4 CAPLUS
 CN 2-Propyn-1-amine, 3-(4-chlorophenyl)-N,N-dimethyl-1-(methylthio)- (9CI)
 (CA INDEX NAME)



RN 744246-01-3 CAPLUS
 CN 2-Propyn-1-amine, N,N-dimethyl-1-(methylthio)-3-(trimethylsilyl)- (9CI)
 (CA INDEX NAME)



| | | |
|--|------------------|---------------|
| => logoff y | | |
| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
| FULL ESTIMATED COST | 11.28 | 166.91 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -1.40 | -1.40 |

STN INTERNATIONAL LOGOFF AT 17:19:20 ON 02 DEC 2004